US Joint Forces Command

Briefing to the Precision Strike Association

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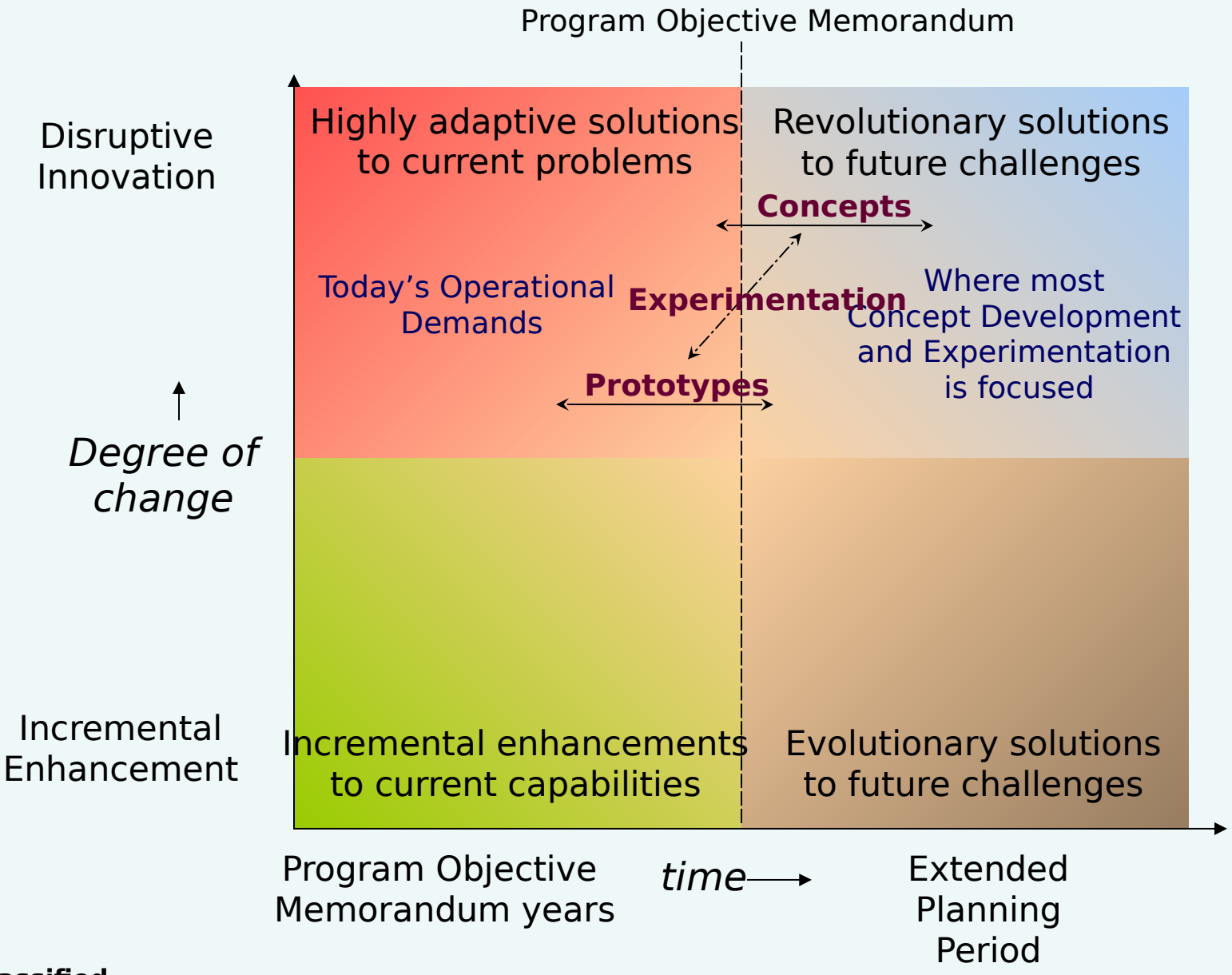
Deputy Director J9
US Joint Forces Command

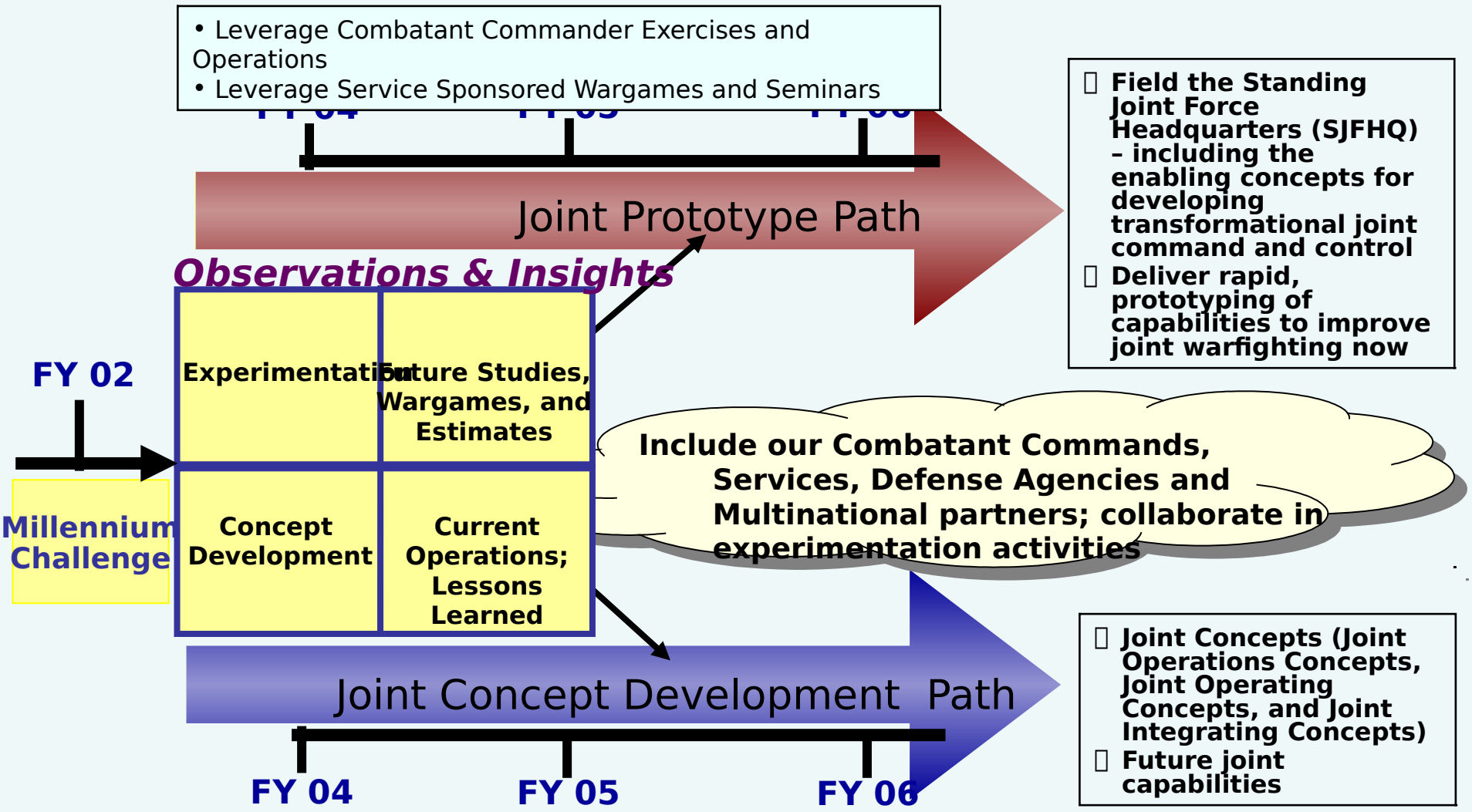
J9 Mission

Coordinate DoD CDE efforts and lead the development, exploration and assessment of new joint concepts, organizational structures and emerging technologies through a process of discovery, innovation, adaptation and integration to drive transformation changes that achieve the optimal future Joint force capability.

Focus


Program Objective Memorandum
Disruptive Innovation
Highly adaptive solutions to current problems
Revolutionary solutions to future challenges
Concepts
Today's Operational Demands
Experimentation
Where most Concept Development and Experimentation is focused
Prototypes
Degree of change
Incremental Enhancement
Incremental enhancements to current capabilities
Evolutionary solutions to future challenges
Program Objective Memorandum years
time
Extended Planning Period

Joint Concept Development and Experimentation Strategy (FY 04-05)


• Leverage Combatant Commander Exercises and Operations
• Leverage Service Sponsored Wargames and Seminars
Joint Prototype Path
Observations & Insights
FY 02
Millennium Challenge
Experimentation
Future Studies, Wargames, and Estimates
Concept Development
Current Operations; Lessons Learned
Include our Combatant Commands, Services, Defense Agencies and Multinational partners; collaborate in experimentation activities
Joint Concept Development Path
FY 04
FY 05
FY 06
• Leverage Combatant Commander Exercises and Operations
• Leverage Service Sponsored Wargames and Seminars

- Field the Standing Joint Force Headquarters (SJFHQ) – including the enabling concepts for developing transformational joint command and control
- Deliver rapid, prototyping of capabilities to improve joint warfighting now

- Joint Concepts (Joint Operations Concepts, Joint Operating Concepts, and Joint Integrating Concepts)
- Future joint capabilities

JCD&E Experimentation Domains

A Vision for J9

A transformed Joint Force, decisive across all domains against all threats

Aerospace

Information

Ground

Sea

...to Future

Concepts & Capabilities

... Present

Discovery

Promote competition of ideas, rigorous experimentation, broad and thorough research, and open collaboration

Teamwork

Value contributions to the US JFCOM team of Multinational, Services, Agencies and Industry players to better meet Warfighter requirements

Joint Warfighter

Innovation

Introduce new methods and capabilities to the Warfighter through concept development and experimentation

Integration

Ensure coherent, interdependent functions operate effectively and efficiently to satisfy Warfighter requirements.

Adaptation

Adapt fundamental strengths and leverage cultural, Service and institutional capabilities as missions dictate, to enhance operational capability

Multinational

Interagency

Getting onto the J9 Joint Concept Development & Experimentation "Shop Floor"

CJTF Future

SECDEF

Regional Combatant Commands

Functional Combatant Commands

CJCS

Integrating & Coordinating Links

Integrating & Coordinating Links

INTERNATIONAL ORGANIZATIONS

INTERAGENCY

NATIONAL STRATEGIES

NON-GOV'T ORGS

Disclaimer: representative type organizations that could be involved but are not at this time… *no relationship exists*

MILITARY COALITIONS

- Multinational$_1$ Coalition X
- Multinational$_2$ Coalition X
- Multinational$_3$ Coalition X
- Multinational$_n$ Coalition X

MILITARY ALLIANCES

…

Integrating & Coordinating Links

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Regional Combatant Command

C² Links *C² Links*

JOINT TASK FORCE

- **Force Application** — ACTD, Experiment
- **Focused Logistics** — Wargame
- **Protection**
- **Battlespace Awareness** — Wargame
- **Command & Control** — Experiment
- **Network Centric Ops** — ACTD
- **Training** — ACTD
- **Force Management** — Experiment, Wargame

Operational Links

JFLCC | **JFMCC** | **JFACC** | **JFSOCC** | **JPOTF** | **JCMOTF**

Scenarios / Simulations

Mission/Ta

Sep 4, 2016

Block III **The Goal** Block IV

Moving to…

CJTF Future

SECDEF

Regional Combatant Commands

Integrating & Coordinating Links

CJCS

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Functional Combatant Commands

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Block III **The Goal** Block IV

Moving to…

Expand Joint Context

Before

Deconflict Service Wargaming

- Differing Service definitions of "Joint"
- Separate Service experimentation
- Internal Service assessments
- Conflicting concepts
- Non-interoperable capabilities

Now

Coordinate at Service Seams

"JOINT CONTEXT"

- Common problem set
- Consistent scenarios
- Shared joint concepts
- Transparent analysis
- Full joint participation

Integrate Service Capabilities

- Common starting point for force development
- Collaborative, co-sponsored joint experimentation
- Shared assessment of results
- Co-evolution of Joint and Service concepts
- Precluding, not resolving interoperability problems

Joint Wargaming

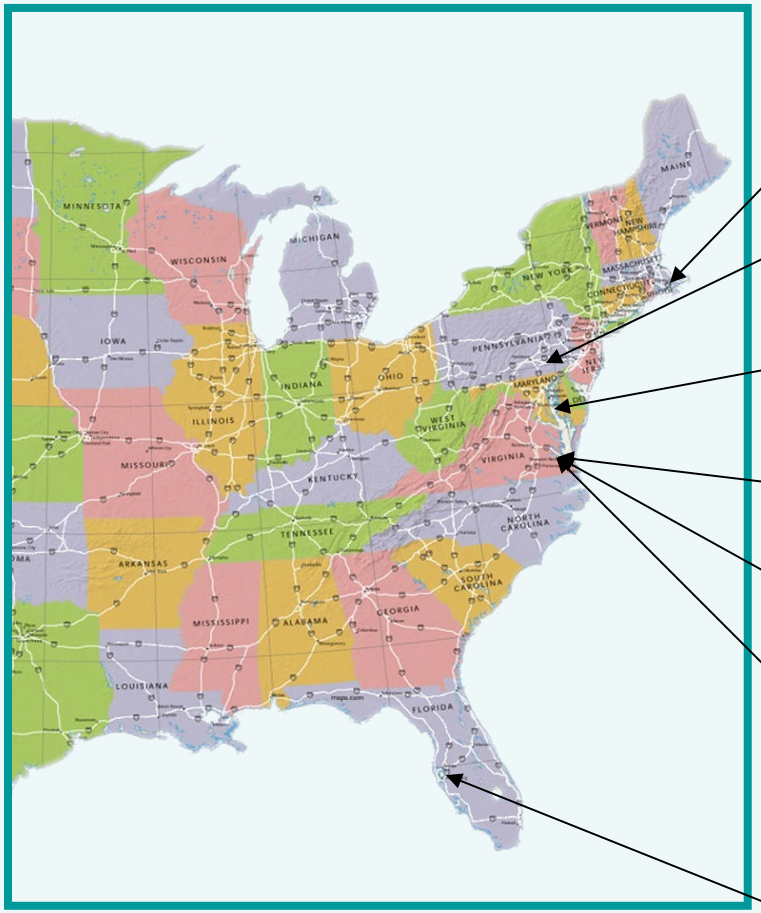
Next step

Interdependent, Collaborative Learning & Adaptive Coherently Joint Force

Effects Based Outcomes

"Joint, Interagency, Multinational Context for Warg

Distribute the Wargaming Environment



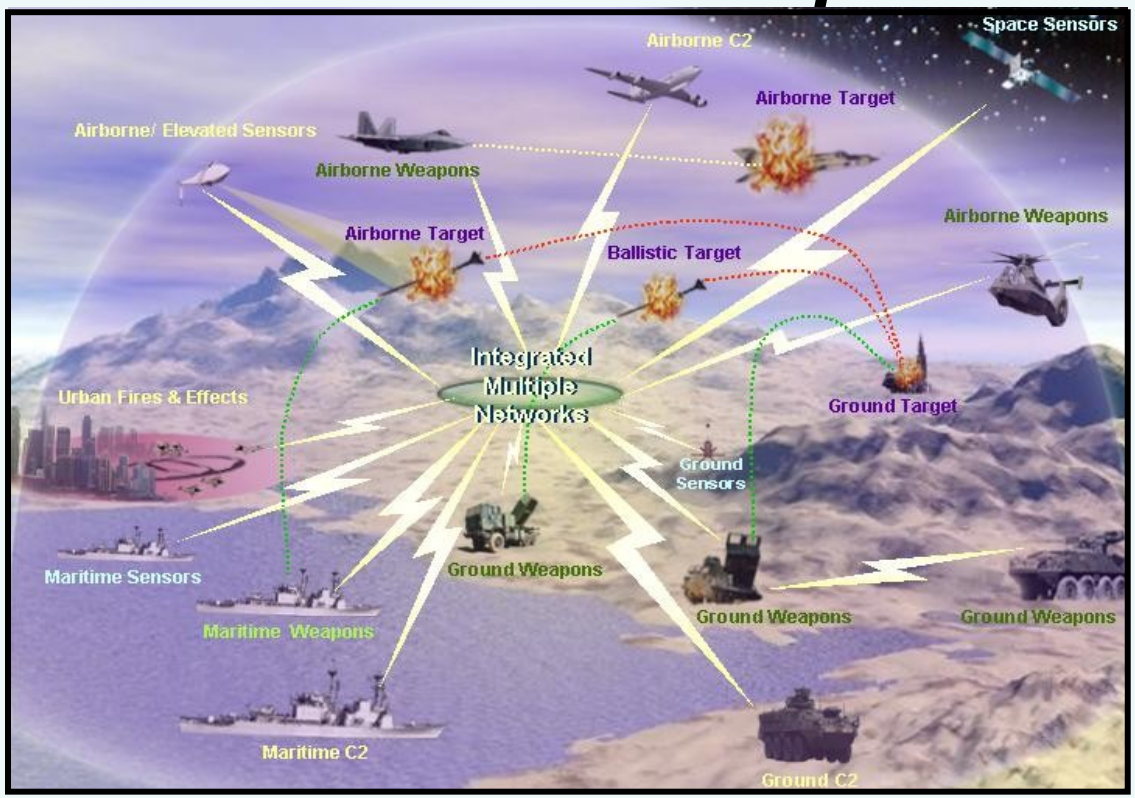
- Joint Force Maritime Component Commander, Newport, R.I.
- Joint Force Land Component Commander, Carlisle Barracks, PA
- Interagency Collaboration Hub, Washington, DC
- Joint Force Air Component Commander, Langley AFB, VA
- Joint Task Force Headquarters, Norfolk, VA
- Regional Combatant Command Headquarters
- Joint Force Special Operations Commander, McDill AFB, FL

Joint Fires Initiative – 2

Overview and Status

Why a JFI - 2

Reduce the Joint Force Commanders' kill chain for immediate targets during rapid linear and non-linear operations

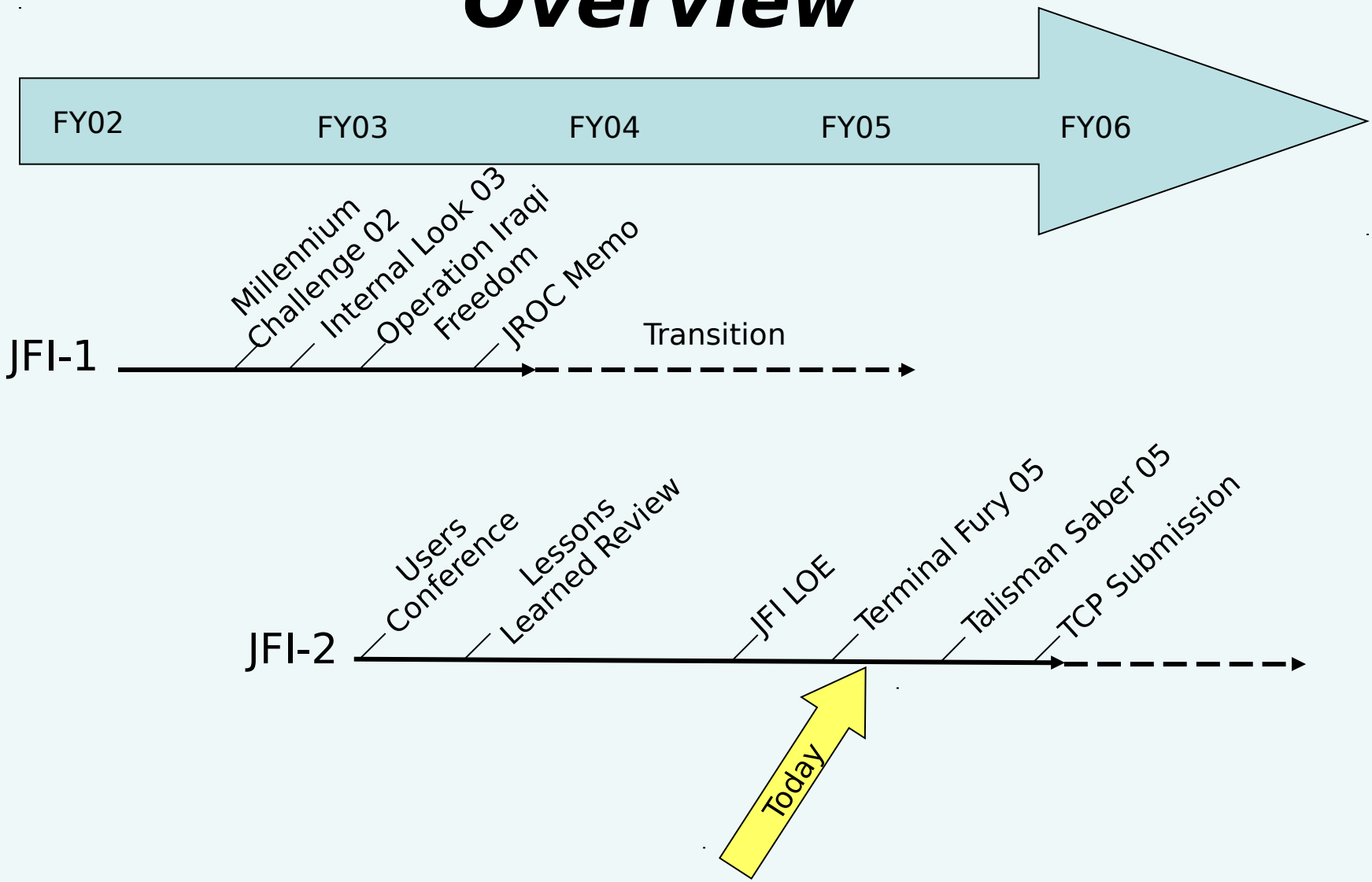


Provide Joint Force Commanders the ability to employ the weapon of their choosing at the time and place of their choosing.

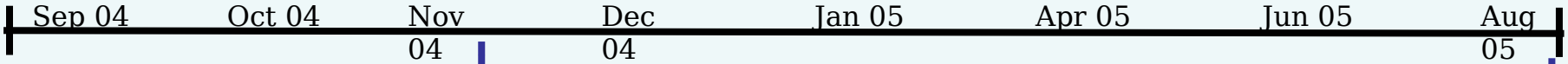
JFI-2 Partners

- Service programs of record
  - Web Enabled Engagement Management Capability (WEEMC)
  - Naval Fires Control System (NFCS)
  - Advanced Field Artillery Tactical Data System (AFATDS)
- Joint Programs Sustainment and Development Program Office (JPSDPO)
  - Joint Automated Deep Operations Coordination System (JADOCS)
- Air, Land, Sea Application Center (ALSA)
- Service Doctrine Centers
- USPACOM/USSOCOM

JFI Prototype Overview



The JFI-2 Roadmap



TECHNICAL (Simulation)

Limited Objective Experiment
13-24 Sep 04

- Controlled environment
- Tool kit assessment
- CONOPS solutions

Technical and Functional Analysis
Oct/Nov 04

Products:
-Quick look report
-Technical analysis report
-Results brief (JFCOM)

Functional Critical Fixes

RCC OPERATIONAL EXERCISES

(Simulation)

Terminal Fury 05

3-11 Dec 04

- Free play environment
- Warfighters' assessment
- CONOPS validation

Operational Assessment and Analysis
Jan/Feb 05

Products:
-Operational analysis report
-Warfighter assessment report
- Results brief (JFCOM)

Operational Fixes and Refine JFI

(Live Fire)

Talisman Saber 05

10-30 Jun 05

- Field environment
- Employ CONOPS
- Final validation

Warfighting Assessment and Analysis
Jul/Aug 05

Products:
-Final analysis report
-Warfighter assessment report
-Decision brief (JFCOM)
-DOTMLPF Change Recommendation
-JROC brief (TBD)

Critical Recommendations

Discussion